

MRD
3/31/04

INFORMATION DISCLOSURE CITATION PTO-1449	Complete if Known	
	Application No.	Unknown 10/815330
	Filing Date	March 31, 2004
	First Named Inventor	Dennis R. Berman
	Group Art Unit	Unknown
	Atty. Docket No.	TRV00-0001-R-1
	Page Number	1 of 3

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
/KH/	5,002,491	03/26/91	Abrahamson et al.	434	322	04/28/89
	5,267,865	12/07/93	Lee et al.	434	360	02/11/92
	5,310,349	05/10/94	Daniels et al.	434	350	04/30/92
	5,441,415	08/15/95	Lee et al.	434	350	12/06/93
	5,616,033	04/01/97	Kerwin	434	118	08/03/94
	5,692,906	12/02/97	Corder	434	156	06/07/95
	5,788,508	08/04/98	Lee et al.	434	350	06/07/95
	5,810,605	09/22/98	Siefert	434	362	11/04/94
	5,823,788	10/20/98	Lemelson et al.	434	350	11/13/95
	5,957,699	09/28/99	Peterson et al.	434	350	12/22/97
	5,978,648	11/02/99	George et al.	434	362	03/06/97
	6,024,577	02/15/00	Wadahama et al.	434	322	11/04/97
	6,125,358	09/26/00	Hubbell et al.	706	11	12/22/98
	6,146,148	11/14/00	Stuppy	434	322	03/25/99
	6,148,174	11/14/00	Remschel	434	350	11/14/97
	6,149,438	11/21/00	Richard et al.	434	322	06/07/95
	6,149,441	11/21/00	Pellegrino et al.	434	350	11/06/98
	4,958,284	09/18/90	Bishop et al.	364	419	12/06/88
	5,002,865	03/26/91	Kumashiro et al.	430	558	02/26/90
	5,011,413	04/30/91	Ferris et al.	434	358	07/19/89
	5,987,302	11/16/99	Driscoll et al.	434	353	03/20/98
	6,115,683	09/05/00	Burstein et al.	704	001	03/31/97
	6,120,297	09/19/00	Morse, III et al.	434	169	08/25/98
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	6,181,909	01/30/01	Burstein et al.	434	353	07/22/98
/KH/	6,226,611	05/01/01	Neumeyer et al.	704	246	01/26/00

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	Atty. Docket No.	TRV00-0001-R-1
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
/KH/	6,254,395	07/03/01	Breland et al.	434	156	04/12/99
	6,282,404	08/28/01	Linton	434	350	9/22/99
	6,287,123	09/11/01	O'Brien	434	118	03/29/99
	6,292,792	09/18/01	Baffes et al.	706	45	03/26/99
	6,295,439	09/25/01	Bejar et al.	434	350	3/21/97
	6,302,698	10/16/01	Ziv-El	434	323	02/16/99
	6,311,040	10/30/01	Kucinski et al.	434	350	07/31/97
	6,343,935	02/05/02	Clements	434	156	03/01/00
	5,696,962	12/09/97	Kupiec	395	604	05/08/96
	5,987,443	11/16/99	Nichols et al.	706	11	12/22/98
	6,411,924	06/25/02	de Hita et al.	704	9	01/23/98
	5,597,312	01/28/97	Bloom et al.	434	362	05/04/94
	6,470,170	10/22/02	Chen et al.	434	350	05/16/01
	6,554,618	04/29/03	Lockwood	434	322	04/20/01
	5,307,266	04/26/94	Hayashi et al.	364	419.07	08/07/91
	5,689,716	11/18/97	Chen	395	761	04/14/95
	5,694,523	12/02/97	Wical	395	12	05/31/95
	5,708,822	01/13/98	Wical	395	751	05/31/95
	6,029,043	02/22/00	Ho et al.	434	350	01/29/98
	6,160,987	12/12/00	Ho et al.	434	350	12/29/99
	6,208,832	03/27/01	Remschel	434	350	11/14/97
	5,475,588	12/12/95	Schabes et al.	364	419.08	06/18/93
	5,519,608	05/21/96	Kupiec	364	419.08	06/24/93
✓	5,528,491	06/18/96	Kuno et al.	364	419.08	08/31/92
	5,768,580	06/16/98	Wical	395	613	05/31/95
/KH/	6,199,034	03/06/01	Wical	704	9	04/14/98

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	Group Art Unit	Unknown
	Atty. Docket No.	TRV00-0001-R-1
	Page Number	3 of 3

U.S. PATENT DOCUMENTS

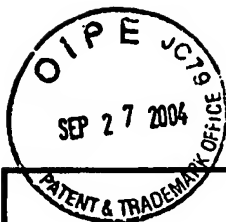
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	6,067,538	05/23/00	Zorba et al.	706	47	12/22/98
	6,164,974	12/26/00	Carlile et al.	434	322	03/27/98
	6,256,399	07/03/01	Poor	382	100	09/27/99
	6,267,601	07/31/01	Jongsma et al.	434	323	12/05/97
	6,356,864	03/12/02	Foltz et al.	704	1	07/23/98
	6,493,690	12/10/02	Bertrand et al.	706	45	02/10/00
	6,584,470	06/24/03	Veale	707	102	03/01/01
	4,833,610	05/23/89	Zamora et al.	364	419	03/07/88
	5,168,565	12/01/92	Morita	395	600	01/13/89
	5,265,065	11/23/93	Turtle	395	600	10/08/91
	5,325,465	06/28/94	Hung et al.	395	63	03/04/92
	5,463,773	10/31/95	Sakakibara et al.	395	600	05/25/93
	6,173,251	01/09/01	Ito et al.	704	7	07/28/98
	6,345,270	02/05/02	Tanaka	707	4	03/19/98
	6,553,382	04/22/03	Hatori	707	102	03/14/96
	4,817,036	03/28/89	Millett et al.	364	900	03/15/85
	5,384,703	01/24/95	Withgott et al.	364	419.19	07/02/93
	5,424,947	06/13/95	Nagao et al.	364	419.08	06/12/91
/KH/	5,442,780	08/15/95	Takanashi et al.	395	600	07/08/92

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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INFORMATION DISCLOSURE CITATION

PTO-1449

Complete if Known

Application No.	10/815,330
Filing Date	3/31/2004
First Named Inventor	Dennis R. Berman
Group Art Unit	3714
Atty. Docket No.	TRV00-0001-R-1

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
/KH/	3,566,482	03/02/71	Morchard			10/24/68
	3,606,688	09/24/71	Zawels et al.			07/11/69
	3,671,668	06/20/72	Reiffel			11/18/68
	3,715,811	02/13/73	Thompson et al.	434	310	10/13/70
	4,289,313	09/15/81	Delamontagne	273	256	09/07/79
	4,416,454	11/22/83	Delamontagne	273	243	07/02/81
	4,895,518	01/23/90	Arnold et al.	434	118	11/02/87
	5,033,969	07/23/91	Kamimura	434	322	03/13/90
	5,112,064	05/12/92	Weedman	273	429	12/19/90
	5,246,375	09/21/93	Goede	434	236	11/15/91
	5,314,340	05/24/94	Gaddis	434	327	10/30/90
	5,511,793	04/30/96	Watt	273	260	06/08/92
	5,540,589	07/30/96	Waters	434	156	04/11/94
	5,632,624	05/27/97	Cameron et al.	434	322	09/22/93
	5,749,736	05/12/98	Griswold et al.	434	322	05/31/96
	5,863,208	01/26/99	Ho et al.	434	362	07/02/96
	5,885,087	03/23/99	Thomas	434	323	03/03/97
↓	6,077,085	06/20/00	Parry et al.	434	322	05/19/98
	6,086,382	07/11/00	Thomas	434	323	02/22/99
/KH/	6,461,166	10/08/02	Berman	434	323	10/17/00

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/KH/	CROWDER, NORMAN A., Arithmetic of Computers. An Introduction to Binary and Octal Mathematics. A Tutor Text, 1958, pp i-iv and 1-18, Doubleday & Company, Garden City, NY.

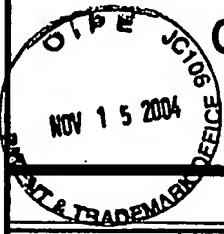
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				First Named Inventor		Dennis R. Berman	
				Group Art Unit		3714	
				Atty. Docket No.		TRV00-0001-R-1	
U.S. PATENT DOCUMENTS							
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/KH/	3,408,749	Nov. 5, 1968	Brudner			April 11, 1967	
/KH/	3,715,811	Feb. 13, 1973	Thompson et al.	35	48	Oct. 13, 1970	
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/KH/	Spaced repetition – Wikipedia. Retrieved from the Internet on April 26, 2005: <URL: http://en.wikipedia.org/wiki/Spaced_repetition >.
/KH/	FullRecall. Retrieved from the Internet on April 25, 2005: <URL: http://www.fullrecall.com >.
/KH/	Super Memory. Retrieved from the Internet on April 25, 2005: <URL: http://www.supermemo.com >.

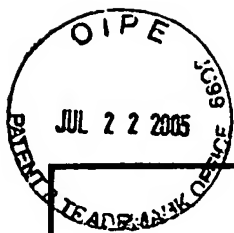
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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS
/KH/	2004/0002049	01-2004	Beavers et al.	434	350
↓	6,662,365	12-2003	Sullivan et al.	725	25
	6,755,662	06-2004	Fujino et al.	434	322
	2004/0009462	01-2004	McElwrath, Linda Kay	434	350
	6,526,257	02-2003	Doi et al.	434	350
	2001/0036619	11-2001	Kerwin, Patrick A.	434	118
	2003/0027122	02-2003	Stansvik, Bjorn	434	323
	2001/0053513	12-2001	Corn et al.	434	350
	2003/0049592	03-2003	Park, Nam-Kyo	434	322
	6,898,411	05-2005	Ziv-El et al.	434	350

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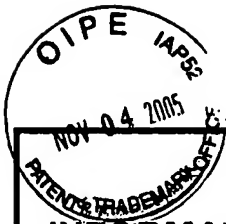
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/KH/	Spaced repetition. [online], [retrieved on April 26, 2005]. Retrieved from the Internet <URL: http://en.wikipedia.org/wiki/Spaced_repetition >
↓	Calinski. FullRecall. [online] [retrieved on April 25, 2005]. Retrieved from the Internet <URL: http://www.fullrecall.com >
/KH/	Super Memory. [online], [retrieved on April 25, 2005]. Retrieved from the Internet <URL: http://www.supermemo.com >

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/KH/	5,727,950	03-1998	Cook et al.	434	350
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	6,022,221	02-2000	Boon, John F.	434	156
	6,551,109	04-2003	Rudmik, Tom R.	434	322
	6,288,753	09-2001	DeNicola et al.	348	586
	6,769,917	08-2004	Fujino et al.	434	322
↓	6,112,049	08-2000	Sonnenfeld, Bruce	434	350
	6,755,661	06-2004	Sugimoto, Koichi	434	322

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASSIFICATION
/KH/	5,141,439	08-1992	Cousins, Edward J.	434/178
/KH/	6,186,795	02-2001	Wilson, Henry Allen	434/236

FOREIGN PATENT DOCUMENTS

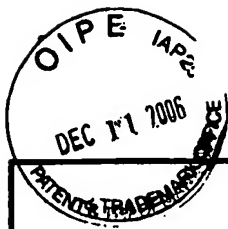
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/KH/	2003/0077559	04-2003	Braunberger et al.	434/322

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/KH/	6,155,834	12-2000	New, III, Cecil A.	434/118

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